Attorney Docket No.: 021447-000710US



re application of:

Csaba Truckai et al.

Application No.: 10/676,841

Filed: September 30, 2003

For: ELECTROSURGICAL

INSTRUMENT AND METHOD OF USE

Examiner: Unassigned

Art Unit: 3762

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37

CFR §1.97 and §1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the non US patent references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

RPTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031 Please type a plus sign (+) inside this box -> [+] U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/676,841 **Application Number** FRANSMITTAL Filing Date September 30, 2003 0 1 2004 **FORM** First Named Inventor Truckai. C. (to be used for all correspondence after initial filing) 3762 Group Art Unit TRANES **Examiner Name** Unassigned Total Number of Pages in This Submission 8 Attorney Docket Number 021447-000710US ENCLOSURES (check all that apply) After Allowance Communication to Assignment Papers Fee Transmittal Form (for an Application) Group Appeal Communication to Board of Fee Attached Drawing(s) Appeals and Interferences Appeal Communication to Group Licensing-related Papers Amendment / Response (Appeal Notice, Brief, Reply Brief) Petition Routing Slip (PTO/SB/69) Proprietary Information After Final and Accompanying Petition Petition to Convert to a Status Letter Affidavits/declaration(s) Provisional Application Power of Attorney, Revocation Other Enclosure(s) Extension of Time Request Change of Correspondence Address (please identify below): 1) Return receipt postcard Terminal Disclaimer 2) Eighteen (18) references Express Abandonment Request Request for Refund 3) PTOSB/08A and PTO/SB/08B Forms Information Disclosure Statement CD, Number of CD(s) The Commissioner is authorized to charge any additional fees to Certified Copy of Priority Deposit Account 20-1430. Remarks Document(s) Total number of pages does not include cited references. Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Townsend and Townsend and Crew LLP Firm and Reg No. 29,541 ame M. Heslin Individual name Signature

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date

Typed or printed name Christopher R. Fitting

Date

February 1, 2004

Signature

Date

February 26, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 60149482 v1

Csaba Truckai et al.

Application No.: 10/676,841

Page 2

Applicant believes that <u>no fee is required</u> for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the

undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

James M. Heslin Reg. No. 29,541

TOWNSEND and TOWNSEND and CREW LLP

Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834

Tel: 650-326-2400 Fax: 650-326-2422

Fax: 650-326-24 JMH:crf 60100779 v1

Substitu	ute for form 1449A/	PTO			Complete if Known	
				Application Number	10/676,841	
INF	ORMATIO	N DISC	LOSURE	Filing Date	September 30, 2003	
STA	TEMENT	BY AP	PLICANT	First Named Inventor	Truckai, Csaba	
				Art Unit	3762	
•	(use as many s	sheets as ne	cessary)	Examiner Name	Unassigned	
Sheet	4	of	5	Attorney Docket Number	021447-000710US	

			U.S. PATENT DO	CUMENTS+	
Examiner Initials*	Cite No.1	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	ET	US-2003/0144652 A1	07-31-2003	BAKER ET AL.	
	EU	US-2003/0139741 A1	07-24-2003	GOBLE ET AL.	
	EV	US-2003/0125727 A1	07-03-2003	TRUCKAI ET AL.	
	EW	US-2003/0114851 A1	06-19-2003	TRUCKAI ET AL.	
	EX	US-2003/0078578 A1	04-24-2003	TRUCKAI ET AL.	
	·EY	US-2003/0078577 A1	04-24-2003	TRUCKAI ET AL.	
	EZ	US-2003/0078573 A1	04-24-2003	TRUCKAI ET AL.	
	FA	US-2003/0069579 A1	04-10-2003	TRUCKAI ET AL.	
	FB	US-2003/0055417 A1	03-20-2003	TRUCKAI ET AL.	
	FC	US-2003/0050635 A1	03-13-2003	TRUCKAI ET AL.	
	FD	US-2003/0018327 A1	01-23-2003	TRUCKAI ET AL.	
	FE	US-2002/0177848 A1	11-28-2002	TRUCKAI ET AL.	
	FF	US-2002/0169392 A1	11-14-2002	TRUCKAI ET AL.	
	FG	US-2002/0120266 A1	08-29-2002	TRUCKAI ET AL.	•
	FH	US-2002/0115997 A1	08-22-2002	TRUCKAI ET AL.	
	FI	US-2002/0052599 A1	05-02-2002	GOBLE	

			F	OREIGN PA	TENT DOCUME	NTS		
Examiner Initials*	Cite No.1	- · ··	eign Patent Docur	nent	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	T⁰
		Country Code ³	Number⁴	Kind Code ⁵ (if known)		Document	Figures Appear	<u> </u>
	FJ ¥	EP	517 244	B1	03-20-1996			
	FK T	EP	518 230	B1	05-15-1996			
	FL +	EP	341 446	A2	04-14-1989			abst. only
	, FM -f	WO	93/08754	- A1	05-13-1993			
	FN F	WO	94/24951	Al	11-10-1994			
	FO T	WO	94/24949	Al	11-10-1994			
	FP -	SU	575103		10-24-1977			abst. only
	FQ 🗲	SU	342617					<u> </u>
•	FR 1	FR	2536924	A1 ·	06-01-1984			abst. only
	FS 🕹	FR	2647683	Al	12-07-1990			abst. only
	ET 3	GB	2037167	Α	07-09-1980			
	FU	GB	2066104	A	07-08-1981			
	FV A	GB	2161082	A	01-08-1986			
	FW T	GB	2133290	Α	07-25-1984			

Examiner Signature	ate Considered	

Substitute fo	r form 1449B/P	го			Complete if Known
			I OCUPE	Application Number	10/676,841
			LOSURE	Filing Date	September 30, 2003
STATE	STATEMENT BY APPLICANT		First Named Inventor	Truckai, Csaba	
	. *			Art Unit	3762
(us	(use as many sheets as necessary)		Examiner Name	Unassigned	
Sheet	5	of	5	Attorney Docket Number	021447-000710US

Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	
10.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
FX 4	CORSON, S.L., "Two new laparoscopic instruments: Bipolar sterilizing forceps and uterine manipulator," Medical Instrumentation, 11(1):7-8 (1977).	
FY 8	BURTON, J.D.K., "New Inventions," The Lancet, pages 650-651 (1959).	
FZ	NARDELLA, P.C., "Radio Frequency Energy and Impedance Feedback," <u>Proc. SPIE, Catheter-Based Sensing and Imaging Technology</u> , 1068: 42-48 (1989).	
GA †	VALLFORS et al., "Automatically controlled bipolar electrocoagulation - 'COA-COMP'," Neurosurg Rev., 187-190 (1984).	
	·	
	·	
	FZ FZ	Medical Instrumentation, 11(1):7-8 (1977). FY BURTON, J.D.K., "New Inventions," The Lancet, pages 650-651 (1959). FZ NARDELLA, P.C., "Radio Frequency Energy and Impedance Feedback," Proc. SPIE, Catheter-Based Sensing and Imaging Technology, 1068: 42-48 (1989). VALLFORS et al., "Automatically controlled bipolar electrocoagulation - 'COA-COMP'," Neurosurg Rev., 187-

Examiner	Date	İ
Signature	Considered	
Signature	 Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO

*NFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

5

Sheet of

	Complete if Known
Application Number	10/676,841
Filing Date	September 30, 2003
First Named Inventor	Truckai, Csaba
Art Unit	3762
Examiner Name	Unassigned
Attorney Docket Number	021447-000710US

		-	U.S. PATENT D	DCUMENTS+		
Examiner	Cite No.1	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of P Applicant of Ci		Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*		110 6 652 521	11-25-2003	SCHU	II 7E	Figures Appear
·····	AA	US-6,652,521	10-14-2003	DAVISO		
	AB AC	US-6,632,193 US-6,585,735	07-01-2003	FRAZIEI		
		US-6,575,968	06-10-2003	EGGERS		
	AD	US-6,554,829	04-29-2003	SCHULZ		·
	AE AF	US-6,533,784	03-18-2003	TRUCKA		
	- AG	US-6,527,767	03-04-2003	WANG		•
	AH	US-6,511,480	01-28-2003	TETZLAR		
	Al	US-6,500,176	12-31-2002	TRUCKA		
	AJ	US-6,468,275	10-22-2002	WAMPLE		
	AK	US-6,464,704	10-15-2002	SCHM		
	AL	US-6,458,130	10-01-2002	FRAZIEI		
	AM	US-6,458,128	10-01-2002	SCHU		
	AN	US-6,451,018	09-17-2002	LÁNDS		
	AO	US-6,409,725	06-25-2002	KHANDK		
	AP	US-6,398,779	06-04-2002	BUYSSE		******
	AQ	US-6,352,536	03-05-2002	BUYSSE		
	AR	US-6,350,264	02-26-2002	HOO		
	AS	US-6,334,861	01-01-2002	CHANDLI		
	AT	US-6,328,703	12-11-2001	MURA		
	AU	US-6,296,640	10-02-2001	WAMPLE		
	AV	US-6,277,117	08-21-2001	TETZLAF	F ET AL.	
	AW	US-6,273,887	08-14-2001	YAMAUC	HI ET AL.	
	AX	US-6,270,497	08-07-2001	SEKINO	ET AL.	
	AY	US-6,193,709	02-27-2001	MIYAWA	KI ET AL.	
	AZ	US-6,190,386	02-20-2001	RYD	ELL	
	BA	US-6,187,003	02-13-2001	BUYSSI	E ET AL.	
· · · · ·	BB	US-6,179,837	01-30-2001	HOO	VEN	
	BC	US-6,179,835	01-30-2001	PANESC	U ET AL.	
	BD	US-6,179,834	01-30-2001	BUYSSI	E ET AL.	
	BE	US-6,176,857	01-23-2001	ASH	LEY	
	BF	US-6,174,309	01-16-2001	WRUBLEW	SKI ET AL.	_
	BG	US-6,162,220	12-19-2000	NEZ	HAT	
	ВН	US-6,152,923	11-28-2000	RY	AN	
	BI	US-6,139,508	10-31-2000	SIMPSO	N ET AL.	
	BJ	US-6,113,598	09-05-2000	BAI	KER	
	BK	US-6,086,586	07-11-2000	НОО	VEN	
	BL	US-6,074,389	06-13-2000	LEVINE	ET AL.	
	BM	US-6,039,733	03-21-2000	BUYSSI	E ET AL.	
	BN	US-6,019,758	02-01-2000		TER	
	ВО	US-5,947,984	09-07-1999	WHI	PPLE	
Examiner Signature				Date Considered		-

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Applicant is to place a check mark here if English language Translation is attached. 60100779 v1

Substitu	te for form 1449A/P	то		Complete if Known		
				Application Number	10/676,841	
INFO	DRMATION	N DIS	CLOSURE	Filing Date	September 30, 2003	
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Truckai, Csaba	
				Art Unit	3762	
	(use as many sh	eets as	necessary) ˙	Examiner Name	Unassigned	
Sheet	2	of	5	Attorney Docket Number	021447-000710US	

			U.S. PATENT DO	JCOMEN 19+		
Examiner Initials*	Cite No.1	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY		Patentee or Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
	BP	US-5,911,719	06-15-1999	EGC	GERS	Figures Appear
	BQ	US-5,807,392	09-15-1998		GERS	
	BR	US-5,800,449	09-01-1998		LES	
	BS	US-5,797,938	08-25-1998	PARASCH	AL ET AL.	
	вт	US-5,776,130	07-07-1998	BUYSS	E ET AL.	
	BU	US-5,766,166	06-19-1998	HOC	OVEN	
	BV	US-5,755,717	05-26-1998	YATES	ET AL.	
	BW	US-5,716,366	02-10-1998	YA	TES	
	BX	US-5,693,051	12-02-1997	SCHULZ	E ET AL.	
	BY	US-5,674,220	10-07-1997	FOX	ET AL.	
·	BZ	US-5,624,452	04-29-1997	YA	TES	
	CA	US-5,611,798	03-18-1997	EGO	GERS	
	СВ	US-5,593,406	01-14-1997	EGGER	S ET AL.	
	CC	US-5,573,535	11-12-1996	VIKI	LUND	
	CD	US-5,571,153	11-05-1996	WALI	LSTEN	
	CE	US-5,531,744	07-02-1996	NARDEL	LA ET AL.	
	CF	US-5,507,106	04-16-1996	FC	OX	
7	CG	US-5,480,398	01-02-1996	EGC	GERS	
-	СН	US-5,480,397	01-02-1996	EGGER	S ET AL.	
	CI	US-5,458,598	10-17-1995	FEINBER	RG ET AL.	
	CJ	US-5,451,224	09-19-1995	GOBLE	ET AL.	
	CK	US-5,445,638	08-29-1995	RYDEL	L ET AL.	
	CL	US-5,443,463	08-22-1995	STERN	ET AL.	
	CM	US-5,417,687	05-23-1995	NARDEL	LA ET AL.	
	CN	US-5,389,098	02-14-1995	TSURUT	A ET AL.	
	СО	US-5,364,389	11-15-1994	ANDE	RSON	
	CP	US-5,360,428	11-01-1994	HUTCHI	NSON, JR.	
	CQ	US-5,336,221	08-09-1994	ANDE	RSON	
	CR	US-5,324,289	06-28-1994	EGC	ERS	
	CS	US-5,308,311	05-03-1994	EGGER	S ET AL.	
-	CT	US-5,306,280	04-26-1994	BREGE	N ET AL.	
	CU	US-5,290,286	03-01-1994	PAF	RINS	
	CV	US-5,269,780	12-14-1993	RC	oos	
	CW	US-5,267,998	12-07-1993	HAG	GEN	
	CX	US-5,258,006	11-02-1993	RYDEL	L ET AL.	
	CY	US-5,207,691	05-04-1993	NARI	ELLA	
	CZ .	US-5,201,900	04-13-1993	NARE	DELLA	
	· DA	US-5,190,541	03-02-1993	ABELE ET AL.		
	DB	US-5,151,102	09-29-1992	KAMIYAN	MA ET AL.	
	DC	US-5,147,357	09-15-1992	ROSE	ET AL.	
	DD	US-5,147,356	09-15-1992	ВНА	TTA	
xaminer Signature				Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Applicant is to place a check mark here if English language Translation is attached.

60100779 v1

Complete if Known Substitute for form 1449A/PTO 10/676,841 **Application Number** INFORMATION DISCLOSURE September 30, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Truckai, Csaba Art Unit 3762 (use as many sheets as necessary) **Examiner Name** Unassigned 5 Attorney Docket Number 021447-000710US Sheet of

U.S. PATENT DOCUMENTS+									
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	DE	US-5,122,137	06-16-1992	LENNOX					
	DF	US-5,104,025	04-14-1992	MAIN ET AL.					
	DG	US-5,085,659	02-04-1992	RYDELL					
	DH	US-5,057,107	10-15-1991	PARINS ET AL.					
	DI	US-5,057,106	10-15-1991	KASEVICH ET AL.					
	DJ	US-5,009,656	04-23-1991	REIMELS					
<u> </u>	DK	US-4,985,030	01-15-1991	MELZER ET AL.					
	DL	US-4,969,885	11-13-1990	FARIN					
	DM	US-4,958,539	09-25-1990	STASZ ET AL.					
	DN	US-4,940,468	07-10-1990	PETILLO					
	DO	US-4,887,612	12-19-1989	ESSER ET AL.					
	DP	US-4,850,353	07-25-1989	STASZ ET AL.					
	DQ	US-4,848,337	07-18-1989	SHAW ET AL.					
	DR	US-4,785,807	11-22-1988	BLANCH					
	DS	US-4,763,669	08-16-1988	JAEGER					
	DT	US-4,691,703	09-08-1987	AUTH ET AL.					
	DU	US-4,671,274	06-09-1987	SOROCHENKO					
	DV	US-4,655,216	04-07-1987	TISCHER					
	DW	US-4,633,874	01-06-1987	CHOW ET AL.					
	DX	US-4,608,981	09-02-1986	ROTHFUSS ET AL.					
	DY	US-4,590,934	05-27-1986	MALIS ET AL.					
	DZ	US-4,492,231	01-08-1985	AUTH .					
	EA	US-4,375,218	03-01-1983	DIGERONIMO					
	EB	US-4,370,980	02-01-1983	LOTTICK					
	EC	US-4,353,371	10-12-1982	COSMAN					
	ED	US-4,271,838	06-09-1981	LASNER ET AL.					
	EE	US-4,232,676	11-11-1980	· HERCZOG					
	EF	US-4,231,371	11-04-1980	LIPP					
	EG	US-4,219,025	08-26-1980	JOHNSON					
	EH	US-4,198,957	04-22-1980	CAGE ET AL.	•				
	EI	US-4,092,986	06-06-1978	SCHNEIDERMAN					
	EJ	US-3,826,263	07-30-1974	CAGE ET AL.					
	EK	US-3,768,482	10-30-1973	SHAW	·····				
	EL	US-3,730,188	05-01-1973	ELLMAN					
· · · · · ·	EM	US-3,685,518	08-22-1972	BEUERLE ET AL.					
·	EN	US-3,651,811	03-28-1972	HILDEBRANDT ET AL.					
	EO	US-2,031,682	02-25-1936	WAPPLER ET AL.					
	EP	US-1,881,250	10-04-1932	TOMLINSON					
	EQ	US-1,798,902	03-31-1931	RANEY					
·	ER	US-1,586,645	06-01-1926	BIERMAN					
	ES	US-659,409	10-09-1900	MOSHER					
Examiner Signature	2.5	000,900		Date Considered					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Applicant is to place a check mark here if English language Translation is attached.

60100779 v1